

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2014 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

| <b>LD0001S</b>                                 | Overall LMA Rating     | Total LMA Miles |              |              |             |             |                              |             |
|--|------------------------|-----------------|--------------|--------------|-------------|-------------|------------------------------|-------------|
| <b>Levee District No. 0001 (Sutter County)</b> | <b>A</b>               | <b>16.11</b>    |              |              |             |             |                              |             |
| Rated Item                                     | Maintenance Deficiency |                 |              |              | Enforcement |             | Design & System Obsolescence |             |
|  | M Miles                | U Miles         | M + 4U Miles | Threshold %  | M Miles     | U Miles     | M Miles                      | U Miles     |
| <i>Earthen Levee</i>                           |                        |                 |              |              |             |             |                              |             |
| Vegetation                                     | 0.31                   |                 | 0.31         | 1.92%        | 0.01        |             |                              |             |
| Encroachments                                  |                        |                 |              |              | 0.63        |             |                              |             |
| <i>Interior Drainage &amp; Piping Systems</i>  |                        |                 |              |              |             |             |                              |             |
| Metal Pipes                                    | 0.01                   |                 | 0.01         | 0.06%        |             |             |                              |             |
| <i>Supplemental</i>                            |                        |                 |              |              |             |             |                              |             |
| DWR UCIP Field Study                           |                        |                 |              |              | 0.06        | 0.01        |                              |             |
| <b>LMA Totals:</b>                             | <b>0.32</b>            | <b>0.00</b>     | <b>0.32</b>  | <b>1.99%</b> | <b>0.70</b> | <b>0.01</b> | <b>0.00</b>                  | <b>0.00</b> |

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2014 Levee Inspection Results**

**Levee District No. 0001 (Sutter County)**

|                                  | Spring<br>(March - May) | Summer **<br>(June - August) | Fall<br>(September - November) | Winter **<br>(December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) |                         |                              | A                              |                                    |

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

|  |
|--|
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2014 Levee Inspection Results**

**Levee District No. 0001 (Sutter County)**

| Waterway                               |                             |                           | Bank                           | Unit Miles                      |
|--|-----------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 Feather River              |                             |                           | Right                          | 16.11                           |
|  | Spring<br>(March - May)     | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
| Unit Maintenance Rating<br>(Fall Only) |                             |                           | <b>A</b>                       |                                 |
| Date of Inspection                     | 03/11/2014 - 03/11/2014     |                           | 11/12/2014 - 11/12/2014        |                                 |
| DWR Inspector                          | Matthew Hoffman             |                           | Matthew Hoffman                |                                 |
| Accompanied By                         | Bill Hampton<br>LD 1 Sutter |                           | Bill Hampton<br>LD 1 Sutter    |                                 |

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- completion of the inspection
- any changes other than the results of normal maintenance
- corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2014**

**Levee District No. 0001 (Sutter County)**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector       |
|---------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Feather River | Right | 16.11      | 11/12/2014<br>11/12/2014 | Matthew Hoffman |

|  |                                  |              |                        |            |    |
|--|----------------------------------|--------------|------------------------|------------|----|
| LM Start   |                                  | Rating **    | A                      | Issue No.  | 4  |
| LM End   |                                  | Issue Type + | Ma                     | Location * | WS |
| Category   | Earthen Levee                    |              | GPS Latitude/Longitude |            |    |
|  |                                  |              | Start                  | End        |    |
| Item   | Operations & Maintenance Manuals |              |                        | °          | °  |
|  |                                  |              |                        | °          | °  |
| DWR ID   | DWR_LD0001S_01_s_2013_4          |              |                        |            |    |
| Action/Comments  |                                  |              |                        |            |    |
| Inspector Comments: Bill Hampton stated that the O&M manuals are stored at the district office at 243 2nd st, Yuba City, CA. |                                  |              |                        |            |    |

No Photos

|  |                                |              |                        |            |    |
|--|--------------------------------|--------------|------------------------|------------|----|
| LM Start   |                                | Rating **    | A                      | Issue No.  | 5  |
| LM End   |                                | Issue Type + | Ma                     | Location * | WS |
| Category   | Earthen Levee                  |              | GPS Latitude/Longitude |            |    |
|  |                                |              | Start                  | End        |    |
| Item   | Emergency Supplies & Equipment |              |                        | °          | °  |
|  |                                |              |                        | °          | °  |
| DWR ID   | DWR_LD0001S_01_s_2013_5        |              |                        |            |    |
| Action/Comments  |                                |              |                        |            |    |
| Inspector Comments: Supplies and flood fight equipment are stored at the district office. They also went in with RD784 in their large stockpile of flood fight supplies located in their district. |                                |              |                        |            |    |

No Photos

|   |                               |              |                        |            |    |
|---|-------------------------------|--------------|------------------------|------------|----|
| LM Start  |                               | Rating **    | A                      | Issue No.  | 6  |
| LM End  |                               | Issue Type + | Ma                     | Location * | WS |
| Category  | Earthen Levee                 |              | GPS Latitude/Longitude |            |    |
|   |                               |              | Start                  | End        |    |
| Item  | Flood Preparedness & Training |              |                        | °          | °  |
|   |                               |              |                        | °          | °  |
| DWR ID  | DWR_LD0001S_01_s_2013_6       |              |                        |            |    |
| Action/Comments   |                               |              |                        |            |    |
| Inspector Comments: Bill stated that he and the district employees attend the Flood Fight class put on by DWR and RD784 annually. |                               |              |                        |            |    |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2014**

**Levee District No. 0001 (Sutter County)**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector       |
|---------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Feather River | Right | 16.11      | 11/12/2014<br>11/12/2014 | Matthew Hoffman |

|   |                            |              |    |                        |               |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.05                       | Rating **    | A  | Issue No.              | 13            |
| LM End  | 0.05                       | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee              |              |    | GPS Latitude/Longitude |               |
|   |                            |              |    | Start                  | End           |
| Item  | Vegetation                 |              |    | 38.951881 °            | 38.951881 °   |
|   |                            |              |    | -121.585589 °          | -121.585589 ° |
| DWR ID  | DWR_LD0001S_01_f _ 2014_13 |              |    |                        |               |
| Action/Comments   |                            |              |    |                        |               |
| Control annual grass and weeds on the levee slopes and easements. |                            |              |    |                        |               |

Photo 1 of 1 : FA\_2014\_LD0001S\_433\_13\_20141124\_00011.jpg



This photo was taken from the crown facing north looking down the landward levee slope at acceptable vegetation maintenance. Fall 2014.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.33                    | Rating **    | M  | Issue No.              | 8             |
| LM End   | 0.33                    | Issue Type + | En | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Encroachments           |              |    | 38.955946 °            | 38.955946 °   |
|  |                         |              |    | -121.585517 °          | -121.585517 ° |
| DWR ID   | DWR_LD0001S_01_f_2012_8 |              |    |                        |               |
| Action/Comments  |                         |              |    |                        |               |
| Pole<br>Inspector Comments: Power pole set on landward levee slope. Spring 2014. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2014\_LD0001S\_433\_8\_20141110\_00001.jpg



This photo was taken from the crown of the levee facing north looking at a power pole set in the landward levee slope. Spring 2014

|   |                                    |              |    |                        |               |
|---|------------------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.84                               | Rating **    | M  | Issue No.              | 487           |
| LM End  | 1.84                               | Issue Type + | Ma | Location *             | LS            |
| Category  | Interior Drainage & Piping Systems |              |    | GPS Latitude/Longitude |               |
|   |                                    |              |    | Start                  | End           |
| Item  | Metal Pipes                        |              |    | 38.976927 °            | 38.976927 °   |
|   |                                    |              |    | -121.591210 °          | -121.591210 ° |
| DWR ID  | DWR_LD0001S_01_s_2012_487          |              |    |                        |               |
| Action/Comments   |                                    |              |    |                        |               |
| Inspector Comments: Abandoned pipe. This pipe is listed in our levee log as an abandoned pipe, no date listed. No permit number. Corp pipe. |                                    |              |    |                        |               |

No Photos

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable  |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|  |  | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  |   |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2014**

**Levee District No. 0001 (Sutter County)**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector       |
|---------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Feather River | Right | 16.11      | 11/12/2014<br>11/12/2014 | Matthew Hoffman |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.20                    | Rating **    | M  | Issue No.              | 1             |
| LM End   | 2.20                    | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental            |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study    |              |    | 38.982135 °            | 38.982135 °   |
|  |                         |              |    | -121.591974 °          | -121.591974 ° |
| DWR ID   | DWR_LD0001S_01_f_2014_1 |              |    |                        |               |
| Action/Comments  |                         |              |    |                        |               |
| Inspector Comments: FS_ID:11383  |                         |              |    |                        |               |
| EP_NO: N/A   |                         |              |    |                        |               |
| Repair Type: Non-Urgent  |                         |              |    |                        |               |
| Crossing Status: Found   |                         |              |    |                        |               |
| UCIP Comments: Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation.              |                         |              |    |                        |               |
| FIELD_STRUCT_DESC: A 8-inch steel pipe through levee, 4.6-feet below the crown. Siphon breaker in corrugated metal riser on landward slope |                         |              |    |                        |               |
| O&M Manual Sac 144, August 1955, Revision Year 2011.   |                         |              |    |                        |               |
| FS Date: 4/12/2013   |                         |              |    |                        |               |

No Photos

|   |                          |              |    |                        |               |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.22                     | Rating **    | C  | Issue No.              | 19            |
| LM End  | 3.22                     | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|   |                          |              |    | Start                  | End           |
| Item  | Vegetation               |              |    | 38.996261 °            | 38.996261 °   |
|   |                          |              |    | -121.595939 °          | -121.595939 ° |
| DWR ID  | DWR_LD0001S_01_f_2013_19 |              |    |                        |               |
| Action/Comments   |                          |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes. |                          |              |    |                        |               |

No Photos

|   |                          |              |     |                        |               |
|---|--------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 4.55                     | Rating **    | A/W | Issue No.              | 14            |
| LM End  | 11.19                    | Issue Type + | En  | Location *             | CR            |
| Category  | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|   |                          |              |     | Start                  | End           |
| Item  | Encroachments            |              |     | 39.010996 °            | 39.097548 °   |
|   |                          |              |     | -121.603137 °          | -121.601878 ° |
| DWR ID  | DWR_LD0001S_01_f_2014_14 |              |     |                        |               |
| Action/Comments   |                          |              |     |                        |               |
| Material  |                          |              |     |                        |               |
| Inspector Comments: I am unable to inspect this section of levee due to the Sutter Buttes Flood Control Agency levee upgrade project. |                          |              |     |                        |               |

Photo 1 of 1 : FA\_2014\_LD0001S\_433\_14\_20141124\_00012.jpg



This photo was taken from the crown facing north looking at the levee update project. I was unable to inspect this section due to ongoing construction. Fall 2014.

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2014**

**Levee District No. 0001 (Sutter County)**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector       |
|---------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Feather River | Right | 16.11      | 11/12/2014<br>11/12/2014 | Matthew Hoffman |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.58                    | Rating **    | M  | Issue No.              | 2             |
| LM End  | 4.58                    | Issue Type + | En | Location *             | CR            |
| Category  | Supplemental            |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study    |              |    | 39.011340 °            | 39.011340 °   |
|   |                         |              |    | -121.603474 °          | -121.603474 ° |
| DWR ID  | DWR_LD0001S_01_f_2014_2 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Inspector Comments: FS_ID:11505<br>EP_NO: 18438<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Needs removal of blockage by riprap rubbles.<br>FIELD_STRUCT_DESC: 1 of 2. 2- 16-inch steel drainage pipe. Riprap discharge structure on WS. Flap gate not properly closed. Pump station on LS concrete sump.<br>FS Date: 4/8/2013 |                         |              |    |                        |               |

No Photos

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 4.58                    | Rating **    | U  | Issue No.              | 7             |
| LM End   | 4.58                    | Issue Type + | En | Location *             | CR            |
| Category   | Supplemental            |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study    |              |    | 39.011354 °            | 39.011354 °   |
|  |                         |              |    | -121.603488 °          | -121.603488 ° |
| DWR ID   | DWR_LD0001S_01_f_2014_7 |              |    |                        |               |
| Action/Comments  |                         |              |    |                        |               |
| Inspector Comments: FS_ID:40799<br>EP_NO: 18438<br>Repair Type: Urgent<br>Crossing Status: Found<br>UCIP Comments: Flap gate operation blocked by riprap and does not properly close.<br>FIELD_STRUCT_DESC: 2 of 2. 2- 16-inch steel drainage pipe. Riprap discharge structure on WS. Pump station on LS concrete sump.<br>FS Date: 4/8/2013 |                         |              |    |                        |               |

No Photos

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2014**

**Levee District No. 0001 (Sutter County)**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector       |
|---------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Feather River | Right | 16.11      | 11/12/2014<br>11/12/2014 | Matthew Hoffman |

|  |                           |              |    |                        |               |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start   | 9.35                      | Rating **    | M  | Issue No.              | 489           |
| LM End   | 9.35                      | Issue Type + | En | Location *             | LS            |
| Category   | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|  |                           |              |    | Start                  | End           |
| Item   | Vegetation                |              |    | 39.076558 °            | 39.076558 °   |
|  |                           |              |    | -121.605837 °          | -121.605837 ° |
| DWR ID   | DWR_LD0001S_01_s_2012_489 |              |    |                        |               |
| Action/Comments  |                           |              |    |                        |               |
| Landscaping<br>Inspector Comments: Landscaping on landward levee slope. Spring 2014. |                           |              |    |                        |               |

Photo 1 of 1 : FA\_2014\_LD0001S\_433\_489\_20141110\_00005.jpg



This photo was taken from the crown of the levee facing north looking at vegetation on the landward slope. Spring 2014.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 11.89                   | Rating **    | M  | Issue No.              | 9             |
| LM End   | 11.89                   | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental            |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study    |              |    | 39.106261 °            | 39.106261 °   |
|  |                         |              |    | -121.607535 °          | -121.607535 ° |
| DWR ID   | DWR_LD0001S_01_f_2014_9 |              |    |                        |               |
| Action/Comments  |                         |              |    |                        |               |
| Inspector Comments: FS_ID:12004  |                         |              |    |                        |               |
| EP_NO: N/A   |                         |              |    |                        |               |
| Repair Type: Non-Urgent  |                         |              |    |                        |               |
| Crossing Status: Found   |                         |              |    |                        |               |
| UCIP Comments: No flap gates on waterward end. Road pavement cracked along pipe, it needs more investigation.  |                         |              |    |                        |               |
| FIELD_STRUCT_DESC: 1 of 2. A 6-inch pipe (of 6-inch and 16-inch-pipes) through levee, 6.0 feet below crown. Siphon breakers in corrugated metal pipe risers on waterward shoulder. Pump house at landward toe. |                         |              |    |                        |               |
| FS Date: 4/9/2013  |                         |              |    |                        |               |

No Photos

\* **Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* **Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ **Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2014**

**Levee District No. 0001 (Sutter County)**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector       |
|---------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Feather River | Right | 16.11      | 11/12/2014<br>11/12/2014 | Matthew Hoffman |

|  |                          |              |    |                        |               |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start   | 11.89                    | Rating **    | M  | Issue No.              | 10            |
| LM End   | 11.89                    | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental             |              |    | GPS Latitude/Longitude |               |
|  |                          |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study     |              |    | 39.106261 °            | 39.106261 °   |
|  |                          |              |    | -121.607535 °          | -121.607535 ° |
| DWR ID   | DWR_LD0001S_01_f_2014_10 |              |    |                        |               |
| Action/Comments  |                          |              |    |                        |               |
| Inspector Comments: FS_ID:11983  |                          |              |    |                        |               |
| EP_NO: N/A   |                          |              |    |                        |               |
| Repair Type: Non-Urgent  |                          |              |    |                        |               |
| Crossing Status: Found   |                          |              |    |                        |               |
| UCIP Comments: Road pavement cracked along pipe line, needs more investigation.  |                          |              |    |                        |               |
| FIELD_STRUCT_DESC: 2 of 2. A 16-inch pipe (of 6-inch and 16-inch-pipes) through levee, 6.0 feet below crown. Flap gates on waterward end. Siphon breakers in corrugated metal pipe risers on waterward shoulder. Pump house at landward toe. |                          |              |    |                        |               |
| FS Date: 4/9/2013  |                          |              |    |                        |               |

No Photos

|                 |                         |              |    |                        |               |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start        | 13.64                   | Rating **    | M  | Issue No.              | 3             |
| LM End          | 14.26                   | Issue Type + | En | Location *             | LS            |
| Category        | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|                 |                         |              |    | Start                  | End           |
| Item            | Encroachments           |              |    | 39.130197 °            | 39.138262 °   |
|                 |                         |              |    | -121.602453 °          | -121.607007 ° |
| DWR ID          | DWR_LD0001S_01_s_2012_3 |              |    |                        |               |
| Action/Comments |                         |              |    |                        |               |
| Building        |                         |              |    |                        |               |

No Photos

|  |                          |              |    |                        |               |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start   | 13.65                    | Rating **    | C  | Issue No.              | 21            |
| LM End   | 14.04                    | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|  |                          |              |    | Start                  | End           |
| Item   | Vegetation               |              |    | 39.130209 °            | 39.135551 °   |
|  |                          |              |    | -121.602451 °          | -121.604932 ° |
| DWR ID   | DWR_LD0001S_01_f_2013_21 |              |    |                        |               |
| Action/Comments  |                          |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes.  |                          |              |    |                        |               |
| Inspector Comments: Due to fires in the valley the district was unable to burn this section. District stated that they will drag the area to control vegetation. |                          |              |    |                        |               |

No Photos

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2014**

**Levee District No. 0001 (Sutter County)**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector       |
|---------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Feather River | Right | 16.11      | 11/12/2014<br>11/12/2014 | Matthew Hoffman |

|  |                          |              |    |                        |               |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start   | 13.65                    | Rating **    | C  | Issue No.              | 22            |
| LM End   | 14.04                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|  |                          |              |    | Start                  | End           |
| Item   | Vegetation               |              |    | 39.130209 °            | 39.135551 °   |
|  |                          |              |    | -121.602451 °          | -121.604932 ° |
| DWR ID   | DWR_LD0001S_01_f_2013_22 |              |    |                        |               |
| Action/Comments  |                          |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes.  |                          |              |    |                        |               |
| Inspector Comments: Due to fires in the valley the district was unable to burn this section. District stated that they will drag the area to control vegetation. |                          |              |    |                        |               |

No Photos

|   |                          |              |    |                        |               |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start  | 15.56                    | Rating **    | M  | Issue No.              | 11            |
| LM End  | 15.56                    | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental             |              |    | GPS Latitude/Longitude |               |
|   |                          |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study     |              |    | 39.154970 °            | 39.154970 °   |
|   |                          |              |    | -121.615617 °          | -121.615617 ° |
| DWR ID  | DWR_LD0001S_01_f_2014_11 |              |    |                        |               |
| Action/Comments   |                          |              |    |                        |               |
| Inspector Comments: FS_ID:12092   |                          |              |    |                        |               |
| EP_NO: N/A  |                          |              |    |                        |               |
| Repair Type: Non-Urgent   |                          |              |    |                        |               |
| Crossing Status: Indicator Found  |                          |              |    |                        |               |
| UCIP Comments: Only a gasline indicator found on LS. Needs gasline marker also on WS. |                          |              |    |                        |               |
| FIELD_STRUCT_DESC: A 16-inch gas line through levee, 3.5 feet below the crown.        |                          |              |    |                        |               |
| FS Date: 4/5/2013   |                          |              |    |                        |               |

No Photos

|   |                          |              |    |                        |               |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start  | 15.66                    | Rating **    | C  | Issue No.              | 23            |
| LM End  | 15.97                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|   |                          |              |    | Start                  | End           |
| Item  | Vegetation               |              |    | 39.156036 °            | 39.159377 °   |
|   |                          |              |    | -121.616960 °          | -121.620682 ° |
| DWR ID  | DWR_LD0001S_01_f_2013_23 |              |    |                        |               |
| Action/Comments   |                          |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes.   |                          |              |    |                        |               |
| Inspector Comments: Vegetation from the crown down the slope approx. 15'. |                          |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2014**

**Levee District No. 0001 (Sutter County)**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector       |
|---------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Feather River | Right | 16.11      | 11/12/2014<br>11/12/2014 | Matthew Hoffman |

|  |                          |              |    |                        |               |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start   | 15.66                    | Rating **    | M  | Issue No.              | 24            |
| LM End   | 15.97                    | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|  |                          |              |    | Start                  | End           |
| Item   | Vegetation               |              |    | 39.156036 °            | 39.159377 °   |
|  |                          |              |    | -121.616960 °          | -121.620682 ° |
| DWR ID   | DWR_LD0001S_01_f_2013_24 |              |    |                        |               |
| Action/Comments  |                          |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Vegetation from the crown down the slope approx. 15'. |                          |              |    |                        |               |

No Photos

|   |                          |              |    |                        |               |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start  | 15.68                    | Rating **    | M  | Issue No.              | 12            |
| LM End  | 15.68                    | Issue Type + | En | Location *             | WS            |
| Category  | Supplemental             |              |    | GPS Latitude/Longitude |               |
|   |                          |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study     |              |    | 39.156241 °            | 39.156241 °   |
|   |                          |              |    | -121.617210 °          | -121.617210 ° |
| DWR ID  | DWR_LD0001S_01_f_2014_12 |              |    |                        |               |
| Action/Comments   |                          |              |    |                        |               |
| Inspector Comments: FS_ID:12104<br>EP_NO: 17259<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: Found an indicator only on LSNNeeds an indicator also on WS.<br>FIELD_STRUCT_DESC: An 8-3/8-inch-wide Electrolysis Test Station (ETS) at a depth of 4 feet and connect it to the existing 8-inch metal gas line within the waterside levee toe of the right (west) bank of the Feather River.<br>FS Date: 4/5/2013 |                          |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|